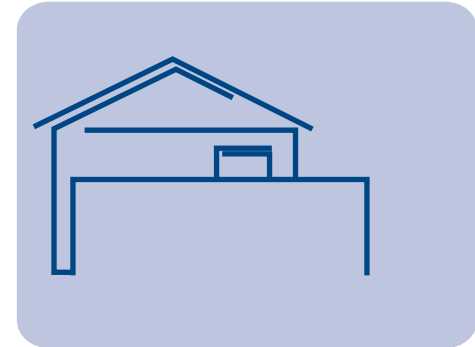


Residential Masonry Fence/Wall Details





CITY OF SCOTTSDALE SUBMITTAL REQUIREMENTS FOR RESIDENTIAL SIX (6) FOOT MASONRY WALLS

This standard includes the minimum requirements for construction of residential masonry walls and fences on single-family residential lots located south of Shea Blvd and west of 122nd street. A building permit is required for the construction of new masonry walls three (3) feet or taller—or for the replacement of an existing fence. This standard does not include the construction of retaining walls. This should not be considered a complete list of code requirements. Inspections must be passed before the work is considered completed by the City of Scottsdale.

A. LOCATION

Walls and fences are permitted on the property line or within the required side or rear yard. Walls and fences shall not exceed three (3) feet in height located within the required front yard. The fence height is measured from natural grade on the inside of the enclosure. **NOTE:** setbacks are measured from property lines.

Phone Numbers:

Inspection Services	480-312-5750
Development Services	480-312-0000
Planning and Zoning	480-312-7083
Automated Inspection Request Line	480-312-5796

B. PERMIT AND PLAN REQUIREMENTS

1. Provide a plot plan (see attached example) showing the street(s), property lines, lot dimensions, location of all existing structures and the location of the fence. List the lineal footage of the fence to be built. You may contact the City Records Department (480-312-2356) to verify if there is an existing site plan on file for your property. If one is not available, you may obtain a copy of your subdivision lot showing the lot dimensions and any easements on your property.
2. The attached building plans are for your use. You cannot exceed the fence/wall height dimensions that are shown.

C. INSPECTION REQUIREMENTS

You will receive an inspection card that lists in detail the required inspections. The following list is for your information and may vary depending on what you will be including in your building.

1. A fence footing inspection.
2. A masonry grout inspection
3. A masonry bond beam inspection
4. A fence final

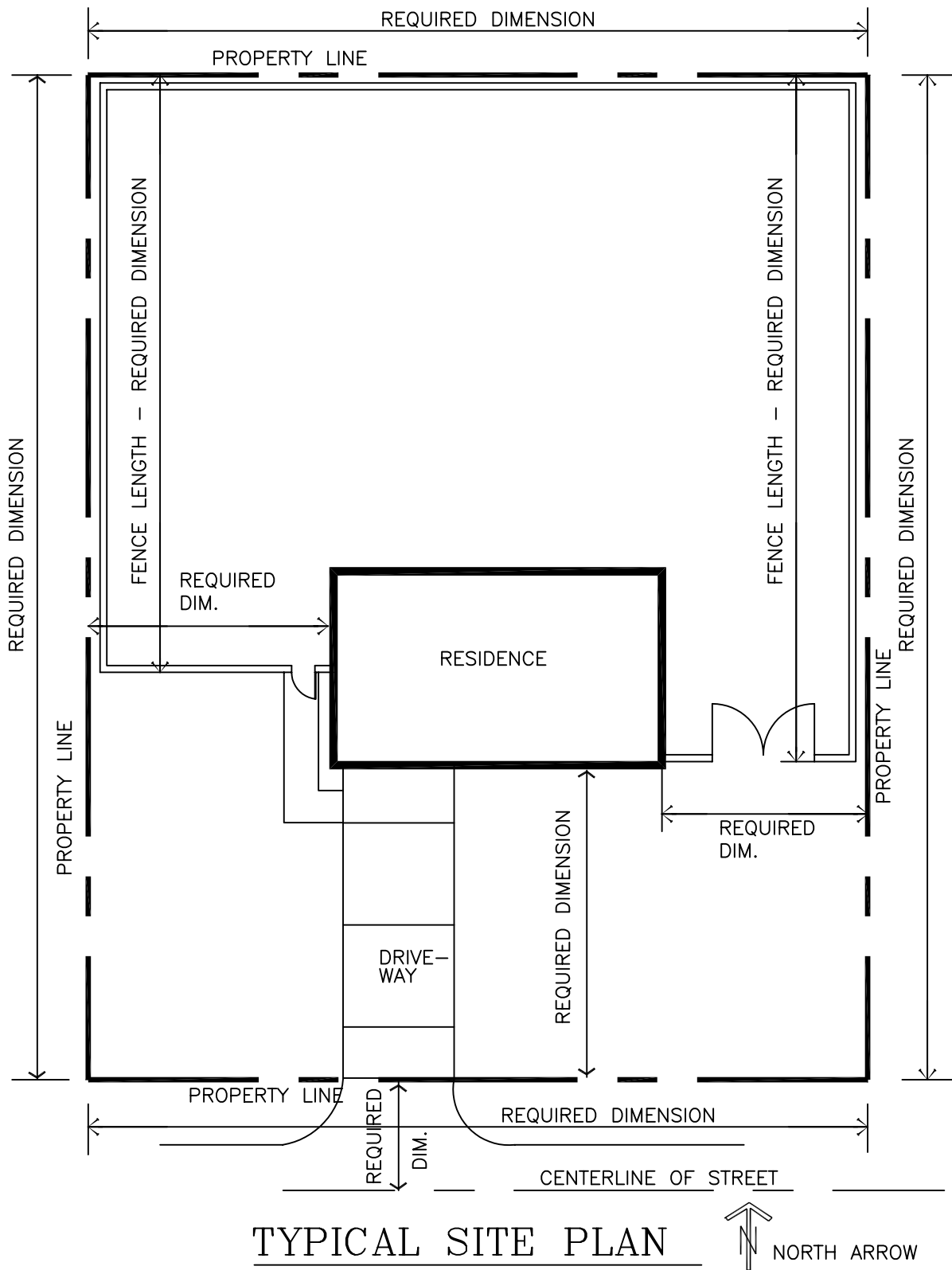
ABBREVIATIONS:

P.U.E. = PUBLIC UTILITY EASEMENT

W/N=WITHIN

O.C=ONCENTER

PRESS.=PRESSURE TREATED



PROVIDE :
ADDRESS AND
ASSESSORS PARCEL
NUMBER OF
PROJECT

DIMENSIONS OF
PROPERTY AND
EASEMENTS
AVAILABLE FROM
RECORDS DEPT.
DIMENSIONS FROM
PROPERTY LINES
AND ALL EXISTING
STRUCTURES,
WALLS AND
SWIMMING POOLS

SHOW LOCATION
AND SIZE OF ALL
DRAINAGE
OPENINGS
IN BLOCK WALLS

TYPICAL SITE PLAN



NORTH ARROW

FEMA BLOCK

Flood Insurance Rate Map (FIRM) Information

Community No.	Panel No.	Suffix	Date of FIRM	FIRM Zone	Base Flood Elev.	(In AO zone, give depth and velocity)
	Date					

(For Areas Under Study Or Preliminary F.I.R.M.)

Source of Map	Date of Map	Flood Zone	Base Flood Elevation	(In AO Zone, give depth and velocity. No habitable floors are permitted below lowest floor elevation)
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6" or 8" MASONRY FENCE WALL

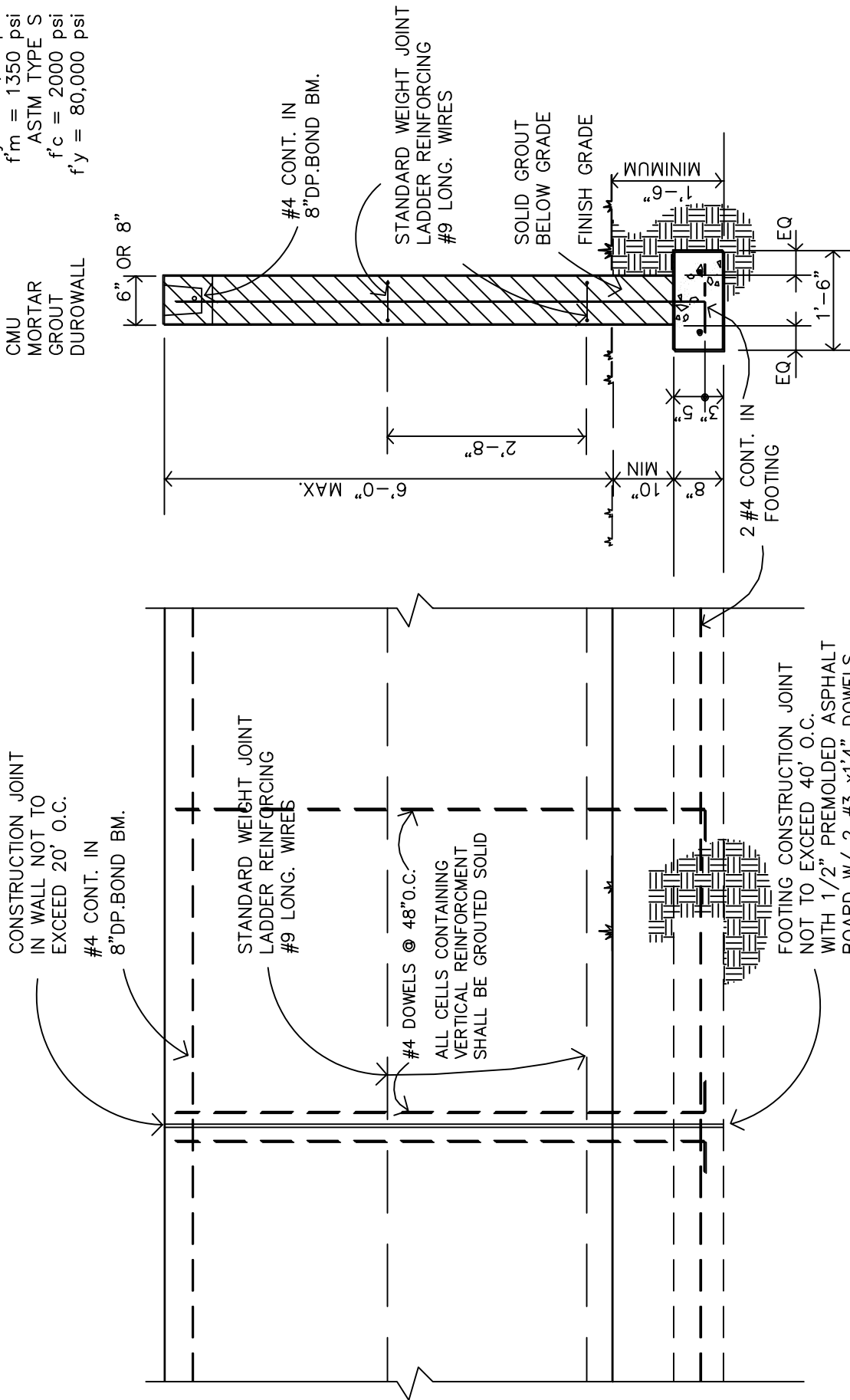
MINIMUM STANDARD

CITY OF SCOTTSDALE

MATERIALS :

CONCRETE
REINFORCING
CMU
MORTAR
GROUT
DUROWALL

$f'_c = 2000 \text{ psi}$
 $f_y = 40,000 \text{ psi}$
 $f'_m = 1350 \text{ psi}$
ASTM TYPE S
 $f'_c = 2000 \text{ psi}$
 $f_y = 80,000 \text{ psi}$

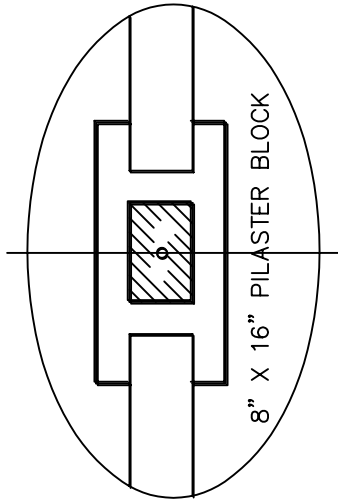


ELEVATION

SECTION

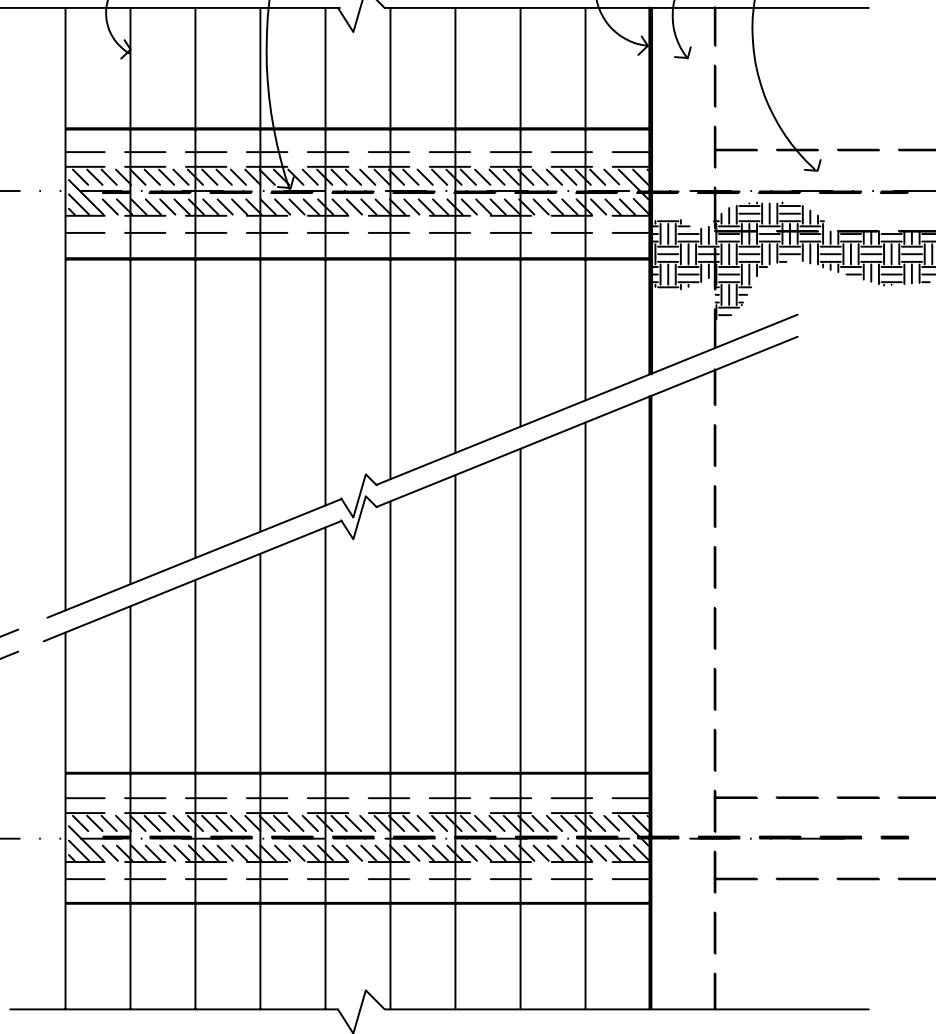
DETAIL

AT
PILASTER



Ø PILASTER

9' -4" O.C. MAX



ELEVATION

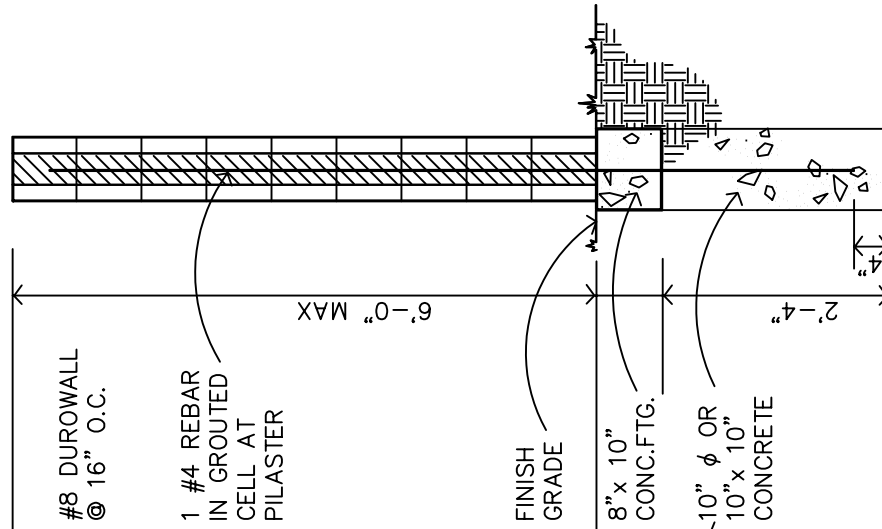
4" MASONRY FENCE

(DOOLEY FENCE)

MATERIALS :

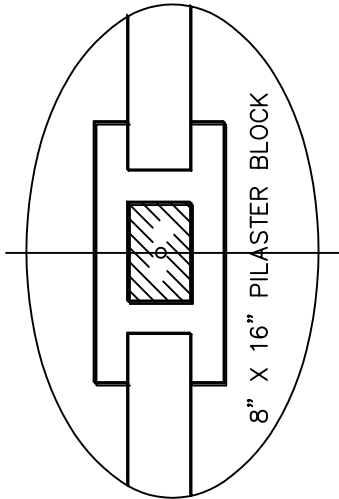
CONCRETE
REINFORCING
CMU
MORTAR
GROUT
DUROWALL

$f'_c = 2500 \text{ psi}$
 $f_y = 40,000 \text{ psi}$
 $f'_m = 1350 \text{ psi}$
ASTM TYPE S
 $f'_c = 2000 \text{ psi}$
 $f_y = 80,000 \text{ psi}$



SECTION

DETAIL AT PILASTER



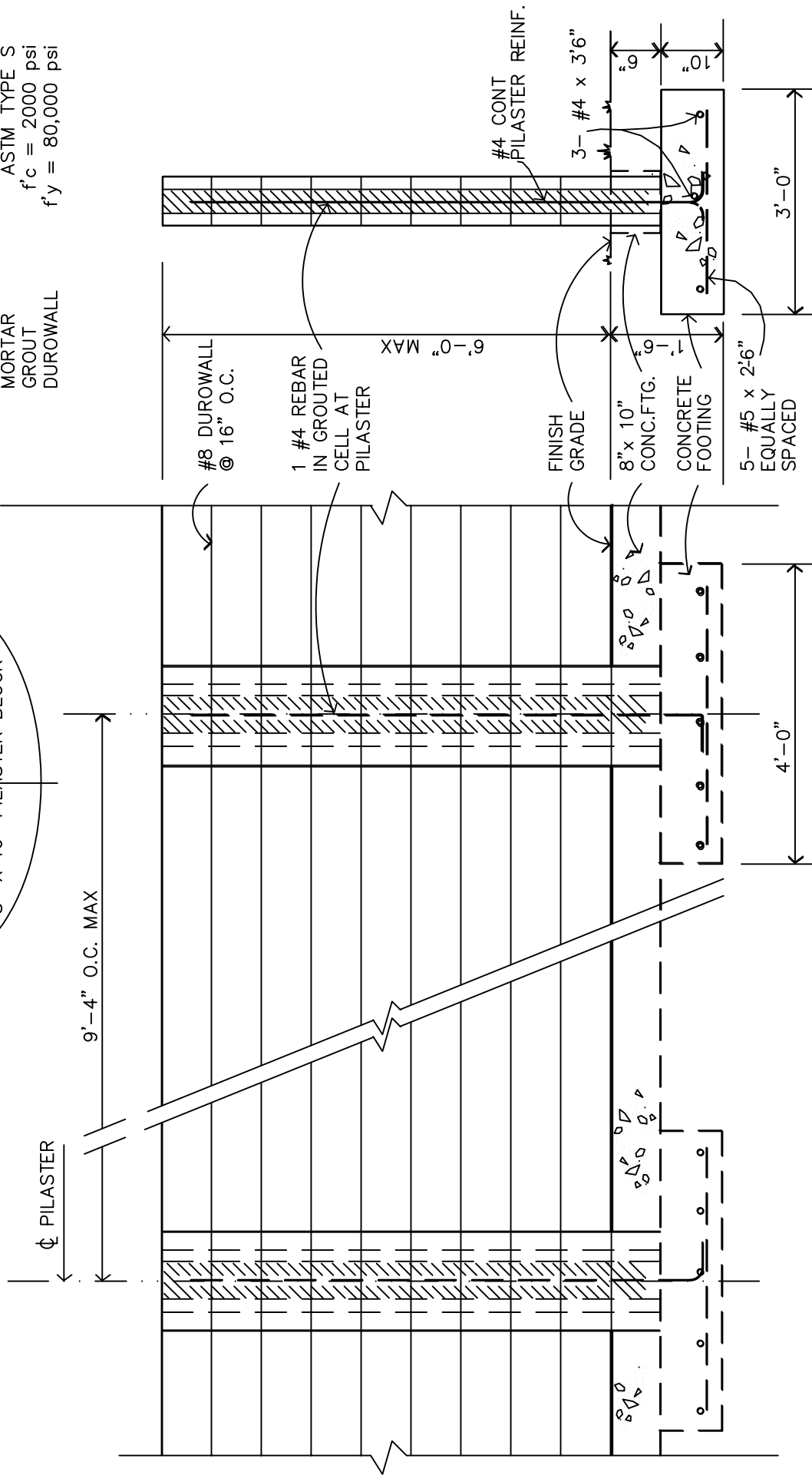
4" MASONRY FENCE

(DOOLEY FENCE)

MATERIALS :

CONCRETE
REINFORCING
CMU
MORTAR
GROUT
DUROWALL

$f'_c = 2500 \text{ psi}$
 $f_y = 40,000 \text{ psi}$
 $f'_m = 1350 \text{ psi}$
ASTM TYPE S
 $f'_c = 2000 \text{ psi}$
 $f_y = 80,000 \text{ psi}$



ELEVATION

SECTION

CITY OF SCOTTSDALE

MINIMUM STANDARD